

AMENDMENTS TO THE CLAIMS

1-9. (Cancelled).

10. (Currently Amended) A message system servicing method performed within a message server, comprising:

receiving, from a message publisher, a request to create a topic;
subdividing the topic into a plurality of subtopics;
storing, within separate ones of the plurality of subtopics, messages posted to the topic;

receiving, from a message subscriber, a request to retrieve messages from the topic;

upon determining that the messages exist, for the requested topic, within the separate ones of the plurality of subtopics, creating a separate retrieval thread of execution for each specific subtopic and subscriber ~~subtopic/subscriber~~ pair; and

retrieving the messages, from within the separates ones of the plurality of subtopics, respectively using the separate retrieval ~~threads~~ thread of execution for each subtopic and subscriber ~~subtopic/subscriber~~ pair.

11. (Previously Presented) The method of claim 10, wherein
said message server is Java message service (JMS) compliant.
12. (Previously Presented) The method of claim 10, wherein
said message server resides in at least one process address space.
13. (Previously Presented) The method of claim 12, wherein
said at least one process address space is a Java virtual machine.
14. (Currently Amended) A messaging computer system comprising:
a message server;
fixed storage configured to store
 a plurality of topics, and
 a plurality of subtopics associated with one of said topics; and
a dynamic topic partitioning system configured to
 receive, from a message publisher, a request to create the one of
said topics;
 subdivide the one of said topics into the plurality of subtopics;
 store, within separate ones of the plurality of subtopics,
messages posted to the one of said topics;

receiving, from a message subscriber, a request to retrieve
messages from the one of said topics;

upon determining that the messages exist, for the requested one
of said topics, within the separate ones of the plurality of subtopics,
creating a separate retrieval thread of execution for each specific
subtopic and subscriber subtopic/subscriber pair; and

retrieving the messages, from within the separate ones of the
plurality of subtopics, respectively using the separate retrieval ~~threads~~
thread of execution for each specific subtopic and subscriber
subtopic/subscriber pair

15. (Previously Presented) The messaging computer system of claim 14,
wherein

said message server is Java message service (JMS) compliant.

16. (Previously Presented) The messaging computer system of claim 14,
wherein

said message server resides in at least one process address space.

17. (Previously Presented) The messaging computer system of claim 16,
wherein

said at least one process address space is a Java virtual machine.

18. (Currently Amended) A computer-readable storage ~~medium~~ device
having stored thereon a computer program for performing message system
servicing, said computer program comprising a routine set of instructions,
which when executed by a messaging computer system, causing the message
computer system to perform:

receiving, from a message publisher, a request to create a topic;

subdividing the topic into a plurality of subtopics;

storing, within separate ones of the plurality of subtopics, messages
posted to the topic;

receiving, from a message subscriber, a request to retrieve messages
from the topic;

upon determining that the messages exist, for the requested topic,
within the separate ones of the plurality of subtopics, creating a separate
retrieval thread of execution for each specific subtopic and subscriber
~~subtopic/subscriber~~ pair; and

retrieving the messages, from within the separates ones of the plurality of subtopics, respectively using the separate retrieval ~~threads~~ thread of execution for each specific subtopic and subscriber ~~subtopic/subscriber~~ pair.

19. (Previously Presented) The computer-readable storage medium of claim 18, wherein

said message server is Java message service (JMS) compliant.

20. (Previously Presented) The computer-readable storage medium of claim 18, wherein

said message server resides in at least one process address space.

21. (Previously Presented) The computer-readable storage medium of claim 20, wherein

said at least one process address space is a Java virtual machine.